

NBSIR 75-818

BIBLIOGRAPHY OF THE ELECTROMAGNETICS DIVISION

June 30, 1974 to June 30, 1975

Margaret L. Woolley
(Compiler)

Electromagnetics Division
Institute for Basic Standards
National Bureau of Standards
Boulder, Colorado 80302

September 1975

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U.S. DEPARTMENT OF COMMERCE, Rogers C. B. Morton, Secretary
John K. Tabor, Under Secretary
Dr. Betsy Ancker-Johnson, Assistant Secretary for Science and Technology
NATIONAL BUREAU OF STANDARDS, Ernest Ambler, Acting Director

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INTRODUCTION

This bibliography lists the publications of the NBS Electromagnetics Division between June 30, 1974 and June 30, 1975. Documents accepted for publication but not yet published are also listed. All but 7 of the documents identified in the 1974 bibliography (June 30, 1973 to June 30, 1974) as "to be published" have now been published and are included in this report.

The documents in this bibliography can be categorized as follows:

NBS Monographs.	1
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IMPEDANCE

Calculated and Measured S_{11} , S_{21} , and Group Delay for Simple
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Dec. 1974, 67 pages

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Boyne, H. S.

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Feb. 1975, 41 pages

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Aug. 1974, Vol. 45, 3296

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Oct. 1973, Vol. 12, 2494

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(To be published)

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June 1974, 35 + iv pages

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SQUIDS AND 6-PORTS

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17. KEY WORDS (six to twelve entries; alphabetical order; capitalize only the first letter of the first key word unless a proper name; separated by semicolons) Antenna parameters; attenuation; automated measurements; E1 metrology; field strength; impedance; laser parameters noise; optical electronics; phase; power; pulsed quantities; squids; transmission lines; waveform analysis; waveguides.				
18. AVAILABILITY ☐ For Official Distribution. Do Not Release to NTIS ☐ Order From Sup. of Doc., U.S. Government Printing Office Washington, D.C. 20402, SD Cat. No. C13 ☒ Order From National Technical Information Service (NTIS) Springfield, Virginia 22151		19. SECURITY CLASS (THIS REPORT) UNCLASSIFIED		21. NO. OF PAGES 28
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